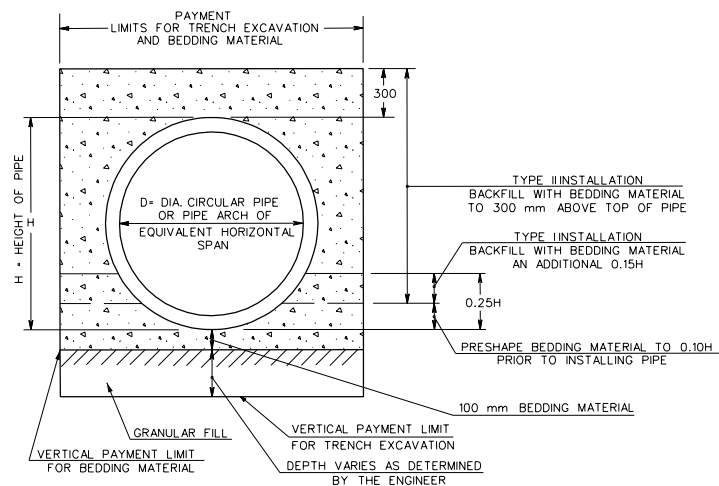


### BEDDING FOR CULVERTS

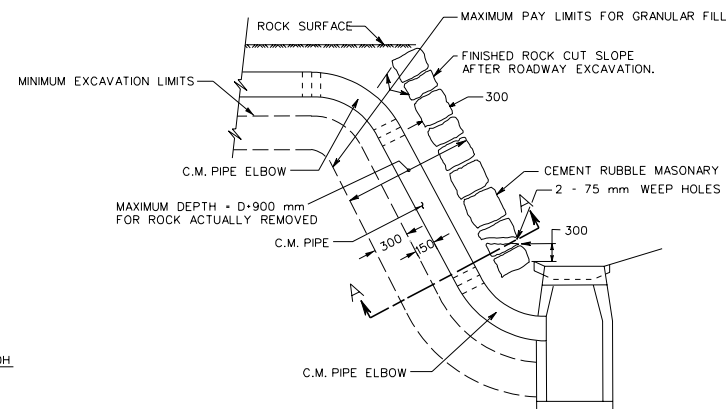
INSTALLATION WHERE GRANULAR FILL IS NOT USED



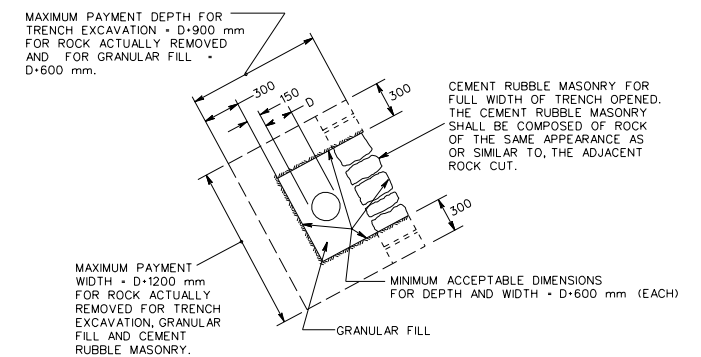
### BEDDING FOR CULVERTS

INSTALLATION WHERE GRANULAR FILL IS USED

PIPE DIAMETER (mm)	LENGTH OF RING (mm)
300	1320
375	1550
450	1800
525	2030
600	2290
750	2750
900	3250
1050	3730
1200	4220

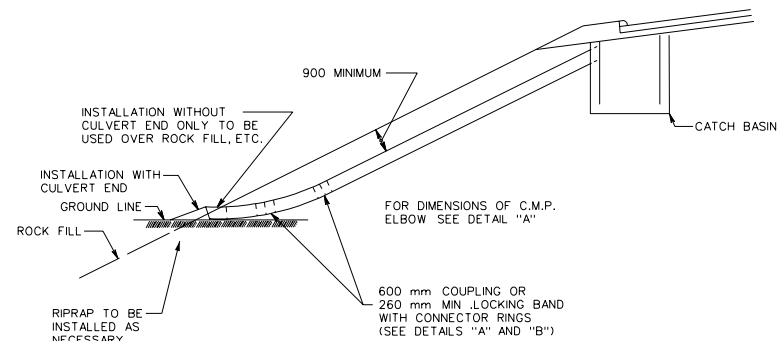


### TYPICAL C.M. PIPE INSTALLATIONS IN ROCK SLOPE

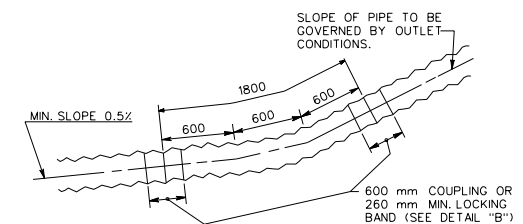


### SECTION A-A

ROCK REMOVED BEYOND THE MAXIMUM PAYMENT LIMITS SHOWN ABOVE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE WITH CEMENT RUBBLE MASONRY AND GRANULAR FILL AS REQUIRED TO CLOSE THE OPENING AS SHOWN ON THE PLANS. THE PAYMENT LINES MAY, HOWEVER, BE MODIFIED TO COINCIDE WITH NATURAL FAULTS OR FISSURES OF THE ROCK AS THE ENGINEER MAY DETERMINE.

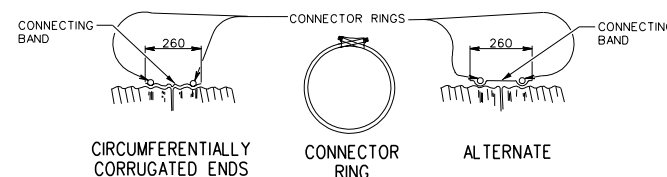


### TYPICAL APPLICATIONS OF C.M. PIPE ELBOW ON A HIGH FILL



### DETAIL "A" C.M.P. ELBOW AND COUPLING

NOTE:  
ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT AS NOTED.



RODS: 11 mm DIAMETER ELECTRO-GALVANIZED WITH 152 mm LENGTH OF 13 mm ROLLED THREADS EACH END OR EQUIVALENT, FURNISHED CURVED, TO FIT PIPE. SEE TABLE 1.  
LUGS: DOUBLE TAKE UP, CAST IRON, ELECTRO-GALVANIZED.  
THE COUPLER FASTENING DEVICE SHALL NOT INTERFERE WITH INSTALLATION OF CONNECTOR RINGS.

### DETAIL "B"

TYPICAL C.M. PIPE INSTALLATIONS IN EARTH AND ROCK SLOPES AND BEDDING FOR CULVERTS

M651-A